

ABSTRACT

The present invention is a circuit method and system for transmitting information. According to some embodiments of the present invention, an output signal of a non-linear element, such as power amplifier, within a communication device may be biased in response to the power level of a signal received by the device. The non-linear element may be operated in a non-linear operating range and the output signal, prior to being applied to the element, may be pre-distorted as a function of the amplifier's bias level